



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	08698.0002	Appln. No.	10/051,168
Applicant	Bernhard NIESWANDT		
Filing Date	January 22, 2002	Group:	1645 1644

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
MH	1 01/00810 A1	01/04/2001	PCT			
MH	2 00/68377	11/16/2000	PCT			
MH	3 01/16321 A1	03/08/2001	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MH	4	Gibbins, J.M., et al., "Glycoprotein VI Is the Collagen Receptor in Platelets which Underlies Tyrosine Phosphorylation of the Fc Receptor ν -Chain," <u>FEBS Letters</u> , 413, 1997, pp. 255-259.
MH	5	Schulte, V., et al., "Evidence for Two Distinct Epitopes Within Collagen for Activation of Murine Platelets," <u>J. Biol. Chem.</u> , 276(1), 2001, pp. 364-368.
MH	6	Clemetson, J.M., et al., "The Platelet Collagen Receptor Glycoprotein VI Is a Member of the Immunoglobulin Superfamily Closely Related to Fc α R and the Natural Killer Receptors," <u>J. Biol. Chem.</u> , 274(41), 1999, pp. 29019-29024.
MH	7	Nieswandt, B., et al., "Long-term Antithrombotic Protection by In Vivo Depletion of Platelet Glycoprotein VI in Mice," <u>J. Exper. Med.</u> , 193(4), 2001, pp. 459-469.
MH	8	Nieswandt, B., et al., "Expression and Function of the Mouse Collagen Receptor Glycoprotein VI is Strictly Dependent on its Association With the Fc γ Chain," <u>J. Biol. Chem.</u> , 275(31), 2000, pp. 23998-24002.
MH	9	Weiss, H.J., "Platelet Physiology and Abnormalities of Platelet Function," <u>New Eng. J. of Med.</u> , Sept. 11, 1975 (pp. 531-541) and Sept. 18, 1975 (pp. 580-588).



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	08698.0002	Appln. No.	10/051,168
Applicant	Bernhard NIESWANDT		
Filing Date	January 22, 2002	Group:	16464

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
mt	10	Fuster, V., et al., "The Pathogenesis of Coronary Artery Disease And the Acute Coronary Syndromes," <u>New Eng. J. of Med.</u> , 1992, pp. 242-250 and 310-318.	
mt	11	Conti, C.R., et al., "Acute Myocardial Ischemia: Role of Atherosclerosis, Thrombosis, Platelet Activation, Coronary Vasospasm, and Altered Arachidonic Acid Metabolism," <u>Cir.</u> , vol. 75, 1987, pp. 84-95.	
mt	12	Baumgartner, H.R., "Platelet Interaction with Collagen Fibrils in Flowing Blood," <u>Thrombos. Haemostas.</u> , vol. 37, 1977, pp. 1-16.	
mt	13	Hawiger, J., "Macromolecules That Link Platelets Following Vessel Wall Injury," <u>Ann. N.Y. Acad. Sci.</u> , 509, 1989, pp.131-141.	
mt	14	Morton, L.F. et al., "Platelet-reactive Sites In Collagens Type I and Type III, Evidence for Separate Adhesion and Aggregatory Sites," <u>Biochem. J.</u> , vol. 258, 1989, pp. 157-163.	
mt	15	Santoro, S.A., et al., "Distinct Determinants on Collagen Support $\alpha_2\beta_1$ Integrin-Mediated Platelet Adhesion and Platelet Activation," <u>Cell Regulation</u> , vol. 2, 1991, 905-913.	
mt	16	Savage, B., et al., "Specific Synergy of Multiple Substrate-Receptor Interactions in Platelet Thrombus Formation Under Flow," <u>Cell</u> , vol. 94, 1998, pp. 657-666.	
mt	17	Santoro, S.A., et al., "The $\alpha_2\beta_1$ Integrin: A Collagen Receptor on Platelets and Other Cells," <u>Thromb. Haemost.</u> , 74(3), 1995, pp. 813-821.	
mt	18	Moroi, M., et al., "A Patient With Platelets Deficient in Glycoprotein VI That Lack Both Collagen-Induced Aggregation and Adhesion," <u>J. Clin. Invest.</u> , vol. 84, 1989, pp. 1440-1445.	
mt	19	Kehrel, B., et al., "Glycoprotein VI is a Major Collagen Receptor for Platelet Activation: It Recognizes the Platelet-Activating Quaternary Structure of Collagen, Whereas CD36, Glycoprotein IIb/IIIa, and von Willebrand Factor Do Not," <u>Blood</u> , 91(2), 1998, pp. 491-499.	
mt	20	Jandrot-Perrus, M., et al., "Cloning, Characterization, and Functional Studies of Human and Mouse Glycoprotein VI: A Platelet-Specific Collagen Receptor from the Immunoglobulin Superfamily," <u>Blood</u> , 96(5), 2000, pp. 1798-1807.	
mt	21	Tsuji, M., et al., "A Novel Association of Fc Receptor γ -Chain with Glycoprotein VI and Their Co-expression as a Collagen Receptor in Human Platelets," <u>J. Biol. Chem.</u> , 272(38), 1997, pp. 23528-23531.	
mt	22	Poole, A., et al., "The Fc Receptor γ -Chain and the Tyrosine Kinase Syk are Essential for Activation of Mouse Platelets by Collagen," <u>EMBO J.</u> , 16(9), 1997, pp. 2333-2341.	
mt	23	Ezumi, Y., et al., "Physical and Functional Association of the Src Family Kinases Fyn and Lyn with the Collagen Receptor Glycoprotein VI-Fc Receptor γ Chain Complex on Human Platelets," <u>J. Exp. Med.</u> , 188(2), 1998, pp. 267-276.	
mt	24	Briddon, S.J., et al., "Evidence for the Involvement of p59 ^{lyn} and p53/56 ^{lyn} in Collagen Receptor Signalling in Human Platelets," <u>Biochem. J.</u> , vol. 338, 1999, pp. 203-209.	
mt	25	Arai, M., et al., "Platelets with 10% of the Normal Amount of Glycoprotein VI have an Impaired Response to Collagen that Results in a Mild Bleeding Tendency," <u>B.J. Haematol.</u> , vol. 89, 1995, pp. 124-130.	



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	00000.0002	Appln. No.	10/051,168
Applicant	Bernhard NIESWANDT		
Filing Date	January 22, 2002	Group:	1645 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
mt	26	Bergmeier, W., et al., "Structural and Functional Characterization of the Mouse von Willebrand Factor Receptor GPIb-IX with Novel Monoclonal Antibodies," <u>Blood</u> , 95(3), 2000, pp. 886-893.	
mt	27	Nieswandt, B., et al., "Identification of Critical Antigen-Specific Mechanisms in the Development of Immune Thrombocytopenic Purpura in Mice," <u>Blood</u> , 96(7), 2000, pp. 2520-2527.	
mt	28	Rabilloud, T., "Detecting Proteins Separated by 2-D Gel Electrophoresis," <u>Anal. Chem.</u> , vol. 73, 2000, pp. 48-55.	
mt	29	Chevallet, M., et al., "New Zwitterionic Detergents Improve the Analysis of Membrane Proteins by Two-dimensional Electrophoresis," <u>Electrophoresis</u> , vol. 19, 1998, pp. 1901-1909.	
mt	30	DiMinno, G., et al., "Mouse Antithrombotic Assay: A Simple Method for the Evaluation of Antithrombotic Agents <i>in Vivo</i> . Potentiation of Antithrombotic Activity by Ethyl Alcohol," <u>J. Pharmacol. Exp. Ther.</u> , 225(1), 1983, pp. 57-60.	
mt	31	Carmeliet, P., et al., "Plasminogen Activator Inhibitor-1 Gene-Deficient Mice," <u>J. Clin. Invest.</u> , vol. 92, 1993, pp. 2756-2760.	
mt	32	Nieswandt, B., et al., "Acute Systemic Reaction and Lung Alterations Induced by an Antiplatelet Integrin gpIIb/IIIa Antibody in Mice," <u>Blood</u> , 94(2), 1999, pp. 684-693.	
mt	33	Asselin, J., et al., "A Collagen-like Peptide Stimulates Tyrosine Phosphorylation of Syk and Phospholipase C γ 2 in Platelets Independent of the Integrin $\alpha_2\beta_1$," <u>Blood</u> , 89(4), 1997, pp. 1235-1242.	
mt	34	Polgár, J., et al., "Platelet Activation and Signal Transduction by Convulxin, a C-Type Lectin from <i>Crotalus durissus terrificus</i> (Tropical Rattlesnake) Venom via the p62/GPVI Collagen Receptor," <u>J. Biol. Chem.</u> , 272(21), 1997, pp. 13576-13583.	
mt	35	Lenter, M., et al., "A Monoclonal Antibody Against an Activation Epitope on Mouse Integrin Chain β_1 Blocks Adhesion of Lymphocytes to the Endothelial Integrin $\alpha_6\beta_1$," <u>Proc. Nat'l. Acad. Sci.</u> , vol. 90, 1993, pp. 9051-9055.	
mt	36	Onley, D.J., et al., "Micromolar Ca ²⁺ Concentrations Are Essential for Mg ²⁺ -dependent Binding of Collagen By the Integrin $\alpha_2\beta_1$ in Human Platelets," <u>J. Biol. Chem.</u> , 275(32), 2000, pp. 24560-24564.	
mt	37	Bever, E.M., et al., "Generation of Prothrombin-Converting Activity and the Exposure of Phosphatidylserine at the Outer Surface of Platelets," <u>Eur. J. Biochem.</u> , vol. 122, 1982, pp. 429-436.	
mt	38	Lusis, A.J., "Atherosclerosis," <u>Nature</u> , vol. 407, 2000, pp. 233-241.	
mt	39	Nieuwenhuis, H.K., et al., "Human Blood Platelets Showing no Response to Collagen Fail to Express Surface Glycoprotein Ia," <u>Nature</u> , vol. 318, 1985, pp. 470-475.	
mt	40	Ryo, R., et al., "Deficiency of P62, a Putative Collagen Receptor, in Platelets from A Patient With Defective Collagen-Induced Platelet Aggregation," <u>Am. J. Hematol.</u> , vol. 39, 1992, pp. 25-31.	
mt	41	Ruggeri, Z.M., "Mechanisms Initiating Platelet Thrombus Formation," <u>Thromb. Haemost.</u> , 78(1), 1997, pp. 611-616.	

Maher Haddad

09/20/02



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	08698.0002	Appln. No.	10/051,168
Applicant	Bernhard NIESWANDT		
Filing Date	January 22, 2002	Group:	1643 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
MH	42	Ni, H., et al., "Persistence of Platelet Thrombus Formation in Arterioles of Mice Lacking Both von Willebrand Factor and Fibrinogen," <u>J. Clin. Invest.</u> , 106(3), 2000, pp. 385-392.
MH	43	Ault, K.A., et al., "In Vivo Biotinylation Demonstrates that Reticulated Platelets are the Youngest Platelets in Circulation," <u>Exp. Hematol.</u> , vol. 23, 1995, pp. 996-1001.
MH	44	Clemetson, K.J., et al., "Characterization of the Platelet Membrane Glycoprotein Abnormalities in Bernard-Soulier Syndrome and Comparison with Normal by Surface-Labeling Techniques and High-Resolution Two-Dimensional Gel Electrophoresis," <u>J. Clin. Invest.</u> , vol. 70, 1982, pp. 304-311.
MH	45	Daëron, M., "Fc Receptor Biology," <u>Annu. Rev. Immunol.</u> , vol. 15, 1997, pp. 203-234.
MH	46	Ravetch, J.V., "Fc Receptors," <u>Curr. Opin. Immunol.</u> , vol. 9, 1997, pp. 121-125.
MH	47	Sugiyama, T., et al., "A Novel Platelet Aggregating Factor Found in A Patient With Defective Collagen-Induced Platelet Aggregation and Autoimmune Thrombocytopenia," <u>Blood</u> , 69(6), 1987, pp. 1712-1720.
MH	48	Heemskerk, J.W.M., et al., "Function of Glycoprotein VI and Integrin $\alpha_2\beta_1$ in the Procoagulant Response of Single, Collagen-Adherent Platelets," <u>Thromb. Haemost.</u> , vol. 81, 1999, pp. 782-792.
MH	49	Reverter, J.C., et al., "Inhibition of Platelet-Mediated, Tissue Factor-Induced Thrombin Generation by the Mouse/Human Chimeric 7E3 Antibody," <u>J. Clin. Invest.</u> , 98(3), 1996, pp. 863-874.
MH	50	Topol, E.J., et al., "Platelet GPIIb-IIIa Blockers," <u>Lancet</u> , vol. 353, 1999, pp. 227-231.
MH	51	Scarborough, R.M., et al., "Platelet Glycoprotein IIb/IIIa Antagonists. What are the Relevant Issues Concerning Their Pharmacology and Clinical Use?," <u>Circulation</u> , vol. 100, 1999, pp. 437-444.
MH	52	Channing Rodgers, R.P., et al., "A Critical Reappraisal of the Bleeding Time," <u>Semin. Thromb. Hemost.</u> , 16(1), 1990, pp. 1-20.
MH	53	Barnes, M.J., et al., "The Collagen-Platelet Interaction," <u>Curr. Opin. Hematol.</u> , vol. 5, 1998, pp. 314-320.
MH	54	Moroi, M., et al., "Involvement of Activated Integrin $\alpha_2\beta_1$ in the Firm Adhesion of Platelets onto a Surface of Immobilized Collagen under Flow Conditions," <u>Thromb. Haemost.</u> , vol. 83, 2000, pp. 769-776.
MH	55	Watson, S., et al., "Update on Collagen Receptor Interactions in Platelets: Is the Two-State Model Still Valid?," <u>Platelets</u> , vol. 11, 2000, pp. 252-258.
MH	56	Berlanga, O., et al., "Expression of the Collagen Receptor Glycoprotein VI during Megakaryocyte Differentiation," <u>Blood</u> , 96(8), 2000, pp. 2740-2745.

Maher Haddad

09/20/02



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	08698.0002	Appln. No.	10/051,168
Applicant	Bernhard NIESWANDT		
Filing Date	January 22, 2002	Group:	1645 1644

MH	57	Niedergang, F., et al., "Convulxin Binding to Platelet Receptor GPVI: Competition with Collagen Related Peptides," <u>Biochem. Biophys. Res. Commun.</u> , vol. 273, 2000, pp. 246-250.
----	----	---

Examiner	Maher Haddad	Date Considered	09/20/02
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
Form PTO 1449		Patent and Trademark Office - U.S. Department of Commerce	